

WHAT IS CLAIMED IS:

1. A planar light source comprising:

a light guide plate made of a platelike, light-transmitting material formed with a light emitting surface on a top side thereof and a reflection surface on a bottom side thereof; and

an illuminating light source arranged opposite a light receiving side surface of the light guide plate;

wherein light coming from the illuminating light source into the light receiving side surface of the light guide plate is light-path-transformed by actions of the reflection surface and the light emitting surface of the light guide plate to emit a planar light flux from the light emitting surface;

wherein chamfered portions are provided at an upper end of the light receiving side surface where the light receiving side surface and the light emitting surface of the light guide plate intersect and at a lower end of the light receiving side surface where the light receiving side surface and the reflection surface of the light guide plate intersect.

2. A planar light source comprising:

a light guide plate made of a platelike, light-transmitting material formed with a light emitting surface on a top side thereof and a reflection surface on a bottom side thereof; and

an illuminating light source arranged opposite a light receiving side surface of the light guide plate;

wherein light coming from the illuminating light source into the light receiving side surface of the light guide plate is light-path-transformed by actions of the reflection surface and the light emitting surface of the light guide plate to emit a planar light flux from the light emitting surface;

wherein curved portions are provided at an upper end of the light receiving side surface where the light receiving side surface and the light emitting surface of the light guide plate intersect and at a lower end of the light receiving side surface where the light receiving side surface and the reflection surface of the light guide plate intersect.

3. A planar light source comprising:

a light guide plate made of a platelike, light-transmitting material formed with a light emitting surface on a top side thereof and a reflection surface on a bottom side thereof; and

an illuminating light source arranged opposite a light receiving side surface of the light guide plate;

wherein light coming from the illuminating light source into the light receiving side surface of the light guide plate is light-path-transformed by actions of the reflection surface and the light emitting surface of the light guide

plate to emit a planar light flux from the light emitting surface;

wherein a chamfered portion is provided either at an upper end of the light receiving side surface where the light receiving side surface and the light emitting surface of the light guide plate intersect or at a lower end of the light receiving side surface where the light receiving side surface and the reflection surface of the light guide plate intersect, and a curved portion is provided at the other end.

4. A planar light source according to any one of claims 1 to 3, wherein a member for restricting a light transmission direction is arranged opposite the light emitting surface of the light guide plate.

5. A planar light source according to claim 4, wherein the member for restricting the light transmission direction is a prism sheet.

6. A planar light source according to any one of claims 1 to 3, wherein the reflection surface of the light guide plate is formed at least partly of a plurality of prisms.

7. A planar light source according to any one of claims 1 to 3, wherein the reflection surface of the light guide plate has a surface-textured reflection surface and a reflection surface formed of a plurality of prisms.